

#4

PCT10

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/018,672

DATE: 01/14/2002
TIME: 12:01:39

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\01142002\J018672.raw

ENTERED

4 <110> APPLICANT: Thonnard, Joelle
 6 <120> TITLE OF INVENTION: BASB111 Polypeptide and Polynucleotide
 7 From Moraxella Catharrhalis
 10 <130> FILE REFERENCE: BM45395
 C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/018,672
 C--> 12 <141> CURRENT FILING DATE: 2001-12-13
 12 <150> PRIOR APPLICATION NUMBER: 9914945.2
 13 <151> PRIOR FILING DATE: 1999-06-25
 15 <150> PRIOR APPLICATION NUMBER: PCT/EP00/05852
 16 <151> PRIOR FILING DATE: 2000-06-23
 18 <160> NUMBER OF SEQ ID NOS: 4
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 22 <210> SEQ ID NO: 1
 23 <211> LENGTH: 831
 24 <212> TYPE: DNA
 25 <213> ORGANISM: Moraxella catarrhalis
 27 <400> SEQUENCE: 1
 28 atgaattttg gtaaaattaa tggtattttgt gcactggcat ctggcatcgc attggcaggc 60
 29 tgcagcaatc aatcaaacga accagctgcc atatctaaaa cagctgcaca gactatcaag 120
 30 gttggcgtca tggcaggtcc tgaacaagct gtggcagagg tagcagggtca agtcgc当地 180
 31 gaaaaataca acctgaccgt tgaattttgtt gagtttaatg actatccat gccaactca 240
 32 gccgtctcaa aaggtgaact tgacgccaat gccatgcgc acaaacccta tcttggaaaa 300
 33 gacagccaaag aaaaaggcct aataacttg gtcatcgctg gcaacacccctt tgtataccca 360
 34 ttggcagggtt attcaaccaa aatcaagaca ttaaatgagc taaaagatgg tgcaaccatc 420
 35 gccgttccaa atgatccctc aaacttagct cgtgcattaa ttttacttga aaaacaaggc 480
 36 ttaattaaat taaaagacaa caccaaccta ttctcaacca cacttgatat cgtagaaaaat 540
 37 caaaaaaaaat tggcatcaa agaagtggat acctcagttg ctgctcggtc aattgacgt 600
 38 gtggacttgg cagtggtaaa taacaactat gcaggtcaag taggttaac agccagtgaa 660
 39 aatggcgaaa ttgttgaaga taaagactcg ccttatgtca atatcatgt cgctcggtc 720
 40 gacaataaaag actctaaggc catccaagac tttgtgaaag cctatcaaac cgatgaagtg 780
 41 gaagctgaag ccaaaaagca atttaaagat ggtgttatca aaggctggta a 831
 43 <210> SEQ ID NO: 2
 44 <211> LENGTH: 276
 45 <212> TYPE: PRT
 46 <213> ORGANISM: Moraxella catarrhalis
 48 <400> SEQUENCE: 2
 49 Met Asn Phe Gly Lys Ile Asn Gly Ile Cys Ala Leu Ala Ser Gly Ile
 50 1 5 10 15
 51 Ala Leu Ala Gly Cys Ser Asn Gln Ser Asn Glu Pro Ala Ala Ile Ser
 52 20 25 30
 53 Lys Thr Ala Ala Gln Thr Ile Lys Val Gly Val Met Ala Gly Pro Glu
 54 35 40 45
 55 Gln Ala Val Ala Glu Val Ala Gly Gln Val Ala Lys Glu Lys Tyr Asn
 56 50 55 60
 57 Leu Thr Val Glu Leu Val Glu Phe Asn Asp Tyr Ala Met Pro Asn Ser
 58 65 70 75 80
 59 Ala Val Ser Lys Gly Glu Leu Asp Ala Asn Ala Met Gln His Lys Pro

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60	85	90	95
61	Tyr Leu Glu Lys Asp Ser Gln Glu Lys Gly Leu Asn Asn Leu Val Ile		
62	100	105	110
63	Val Gly Asn Thr Phe Val Tyr Pro Leu Ala Gly Tyr Ser Thr Lys Ile		
64	115	120	125
65	Lys Thr Leu Asn Glu Leu Lys Asp Gly Ala Thr Ile Ala Val Pro Asn		
66	130	135	140
67	Asp Pro Ser Asn Leu Ala Arg Ala Leu Ile Leu Leu Glu Lys Gln Gly		
68	145	150	155
69	Leu Ile Lys Leu Lys Asp Asn Thr Asn Leu Phe Ser Thr Thr Leu Asp		
70	165	170	175
71	Ile Val Glu Asn Pro Lys Lys Leu Val Ile Lys Glu Val Asp Thr Ser		
72	180	185	190
73	Val Ala Ala Arg Ala Ile Asp Asp Val Asp Leu Ala Val Val Asn Asn		
74	195	200	205
75	Asn Tyr Ala Gly Gln Val Gly Leu Thr Ala Ser Glu Asn Gly Val Phe		
76	210	215	220
77	Val Glu Asp Lys Asp Ser Pro Tyr Val Asn Ile Ile Val Ala Arg Ala		
78	225	230	235
79	Asp Asn Lys Asp Ser Lys Ala Ile Gln Asp Phe Val Lys Ala Tyr Gln		
80	245	250	255
81	Thr Asp Glu Val Glu Ala Glu Ala Lys Lys Gln Phe Lys Asp Gly Val		
82	260	265	270
83	Ile Lys Gly Trp		
84	275		
86	<210> SEQ ID NO: 3		
87	<211> LENGTH: 38		
88	<212> TYPE: DNA		
89	<213> ORGANISM: Artificial Sequence		
91	<220> FEATURE:		
92	<223> OTHER INFORMATION: Primer		
94	<400> SEQUENCE: 3		
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98	<211> LENGTH: 59		
99	<212> TYPE: DNA		
100	<213> ORGANISM: Artificial Sequence		
102	<220> FEATURE:		
103	<223> OTHER INFORMATION: Primer		
105	<400> SEQUENCE: 4		
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VERIFICATION SUMMARY
PATENT APPLICATION: US/10/018,672

DATE: 01/14/2002
TIME: 12:01:40

Input Set : A:\seqlist.txt
Output Set: N:\CRF3\01142002\J018672.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date